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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
09/840,386	04/23/2001	Yoshihisa Matsubara	NEKA 18.612	NEKA 18.612 2510	
26304	7590 06:08/2004		EXAMINER		
KATTEN MUCHIN ZAVIS ROSENMAN 575 MADISON AVENUE			VINH, LAN		
	NAVENUE NY 10022-2585		ART UNIT	PAPER NUMBER	
·			1765		

DATE MAILED: 06/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)				
Advisory Action	09/840,386	MATSUBARA ET AL.				
Auvisory Action	Examiner	Art Unit				
,	Lan Vinh	1765				
The MAILING DATE of this communication appe	ears on the cover sheet with the	correspondence address				
THE REPLY FILED 20 May 2004 FAILS TO PLACE THI Therefore, further action by the applicant is required to average final rejection under 37 CFR 1.113 may only be either: (1 condition for allowance; (2) a timely filed Notice of Appea Examination (RCE) in compliance with 37 CFR 1.114.	oid abandonment of this applic) a timely filed amendment whic I (with appeal fee); or (3) a time	ation. A proper reply to a				
l —	PLY [check either a) or b)]					
a) The period for reply expiresmonths from the mailin b) \text{The period for reply expires on: (1) the mailing date of this A no event, however, will the statutory period for reply expire I ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS 706.07(f). Extensions of time may be obtained under 37 CFR 1.136(a). The	Advisory Action, or (2) the date set forth ater than SIX MONTHS from the mailir I FILED WITHIN TWO MONTHS OF T	ng date of the final rejection. HE FINAL REJECTION. See MPEP				
fee have been filed is the date for purposes of determining the period of fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of (2) as set forth in (b) above, if checked. Any reply received by the Offic timely filed, may reduce any earned patent term adjustment. See 37 C	if extension and the corresponding amount the shortened statutory period for reply be later than three months after the ma	ount of the fee. The appropriate extension				
1. A Notice of Appeal was filed on Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.						
2. The proposed amendment(s) will not be entered because:						
(a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);						
(b) they raise the issue of new matter (see Note below);						
(c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or						
(d) they present additional claims without canceling a corresponding number of finally rejected claims.						
NOTE:	•					
3. Applicant's reply has overcome the following rejection						
4. Newly proposed or amended claim(s) would canceling the non-allowable claim(s).	•					
5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for application in condition for allowance because: See	reconsideration has been consi <u>e Continuation Sheet</u> .	dered but does NOT place the				
6. The affidavit or exhibit will NOT be considered becaraised by the Examiner in the final rejection.	ause it is not directed SOLELY t	o issues which were newly				
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.						
The status of the claim(s) is (or will be) as follows:						
Claim(s) allowed:						
Claim(s) objected to:						
Claim(s) rejected: 1 and 2.						
Claim(s) withdrawn from consideration: 4-11.						
8. The drawing correction filed on is a) approved or b) disapproved by the Examiner.						
9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)						
10. Other:						
	•	Volan				
	•	Lan Vinh AU 1765				

U.S. Patent and Trademark Office PTOL-303 (Rev. 11-03) Continuation of 5. does NOT place the application in condition for allowance because: Applicants argument filed on 5/20/2004 has been considered but are not persuasive. Applicants argue that even if such a combination of Ohashi and Matsuo were found, radiating light having a wavelength of 500 nm to less than 1 microm for the purpose of reducing the electromotive force at the PN junction in a semiconductor, thereby inhibiting galvanic effects due to photoexcitation before or after a step including CMP, would not have occurred to those skilled in the art. This argument does not commensurate with the scope of claim 1 because claim 1 does not recite "radiating light having....for the purpose of reducing......including CMP". Applicants also argue that even though Ohashi's teaching does not exclude the use of radiating light on a semiconductor substrate, irradiating with light having a wavelength of 500 nm to less than 1 micronm would not have occurred to those skilled in the art. This argument is unpersuasive because the applicants have not shown that irradiating with light having a wavelength of 500 nm to less than 1 micronm would not have worked in Ohashi's method. It is argued that Ohashi is an anticorrosion treatment which is carried out following a planarization step, and is aimed for removal of undesired chemicals whereas the aim of the cleaning process of the present invention is to prevent oxidation of the surface of wiring by means of irradiating light. This argumen does not commensurate with the scope of claim 1 since claim 1 does not require "to prevent oxidation of the surface by of wiring by mean of irradiation with light".